

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 1. (Currently amended): A method for executing a start transactional
2 execution (STE) instruction to facilitate transactional execution on a processor,
3 comprising:
4 encountering the STE instruction during execution of a program, wherein
5 the STE instruction marks the beginning of a block of instructions to be executed
6 transactionally, and wherein the STE instruction specifies an action to take if
7 transactional execution of the block of instructions fails, and wherein the action to
8 take can include acquiring a lock on the block of instructions;
9 executing the STE instruction prior to executing the block of instructions;
10 and
11 wherein executing the STE instruction involves commencing transactional
12 execution of the block of instructions following the STE instruction;
13 wherein changes made during the transactional execution are not
14 committed to the architectural state of the processor until the transactional
15 execution successfully completes.

1 2 (Canceled).

1 3. (Currently amended): The method of claim 1 ~~claim 2~~, wherein the
2 action to take can include branching to a location specified by the STE instruction.